

[30980016 WO]

- [illegible]

correlation apparatus coupled to said first and second equipment to receive and correlate said first and second monitoring data.

6. Apparatus for monitoring an ISDN link, comprising:

first equipment for monitoring subscriber signalling messages on an ISDN D channel to derive first monitoring data;

second equipment for monitoring additional signalling messages (e.g. SS7 protocol messages) on a signalling link in a telecommunications network coupled to said ISDN link, to derive second monitoring data; and

correlation apparatus coupled to said first and second equipment to receive and correlate said first and second monitoring data.

7. A method of monitoring a telecommunications system having transmission channels and an associated signalling channel, comprising the steps of:

monitoring at a first location signalling messages on the signalling channel to derive first monitoring data;

selecting a transmission channel identified by reference to information contained in said first monitoring data;

monitoring at said first location telecommunications traffic traversing the selected transmission channel to derive second monitoring data; and

extracting further information traversing the selected transmission channel by reference to information contained in said second monitoring data.

8. The method of claim 7, wherein the transmission channel is an ISDN B channel and the signalling channel is an ISDN D channel.

9. The method of claim 7, wherein the transmission channel is carried by a telephone transmission link and the signalling channel is carried by a common channel signalling link, such as an SS7 signalling link.

10. The method of any one of claims 7 to 9, wherein said further information comprises dual-tone multi-frequency (DTMF) signals.

11. The method of any one of the preceding claims, wherein monitoring for at least one location is passive in nature.

12. The method of any one of the preceding claims, wherein correlation of data is performed to provide service records.

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13. The method of claim 12, wherein said service records include data derived from an ISDN B channel.

add B^2

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